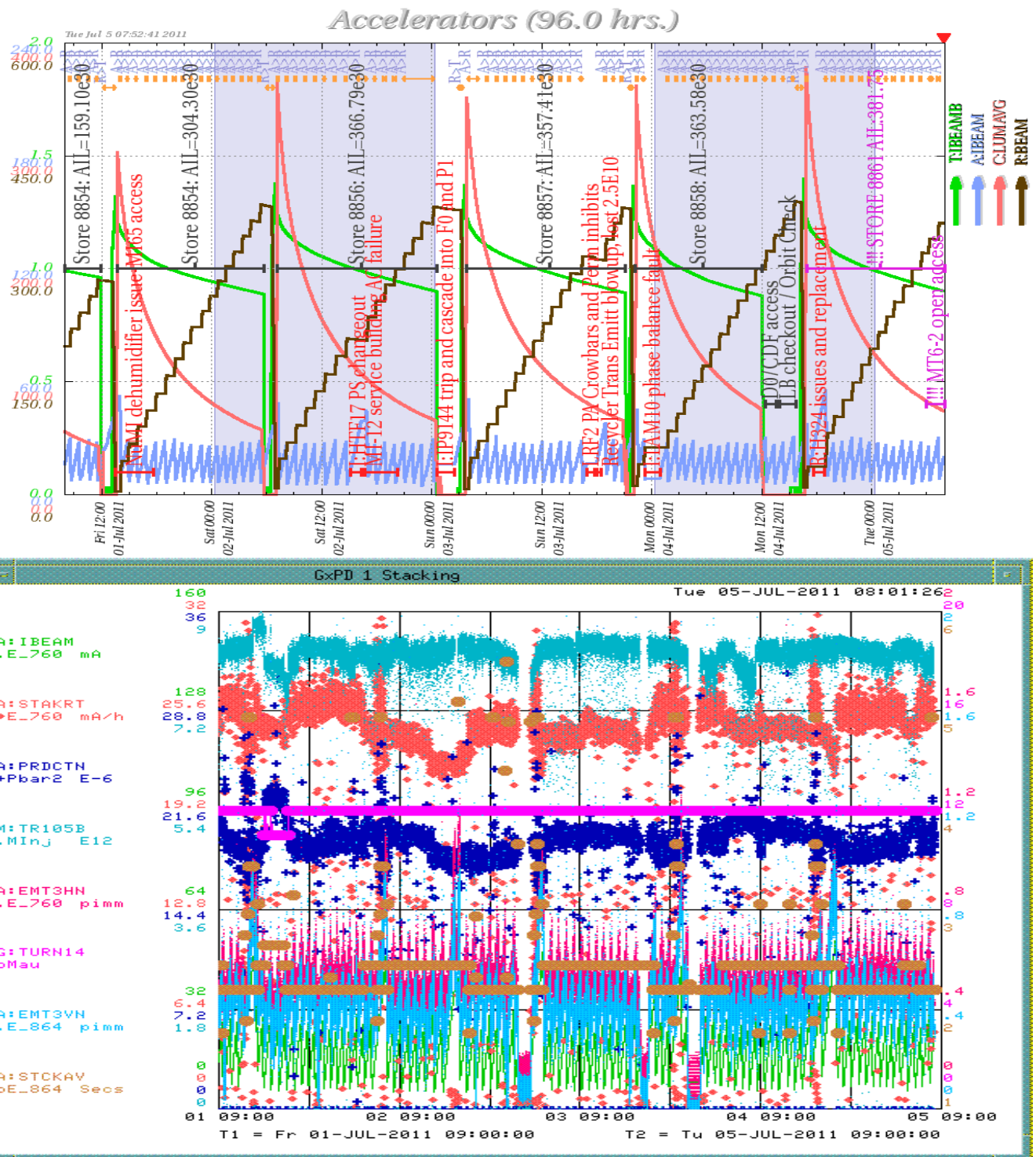


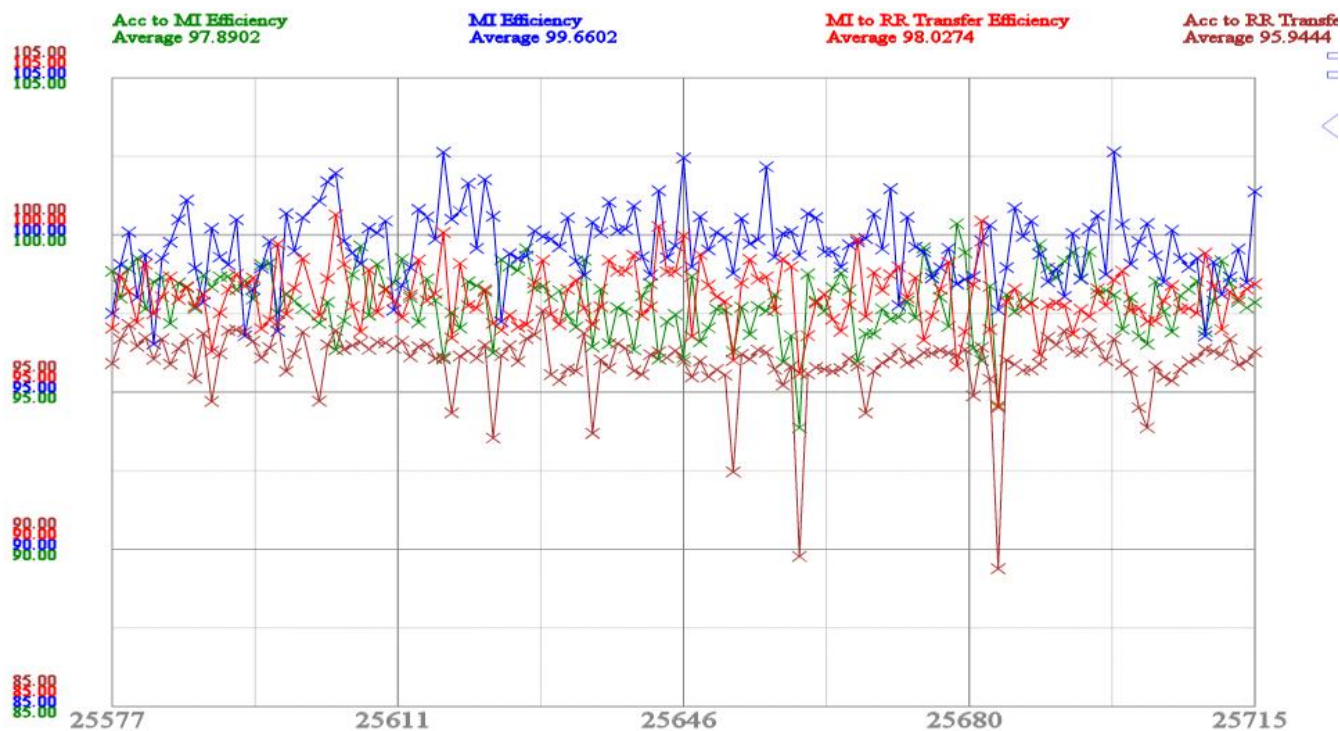
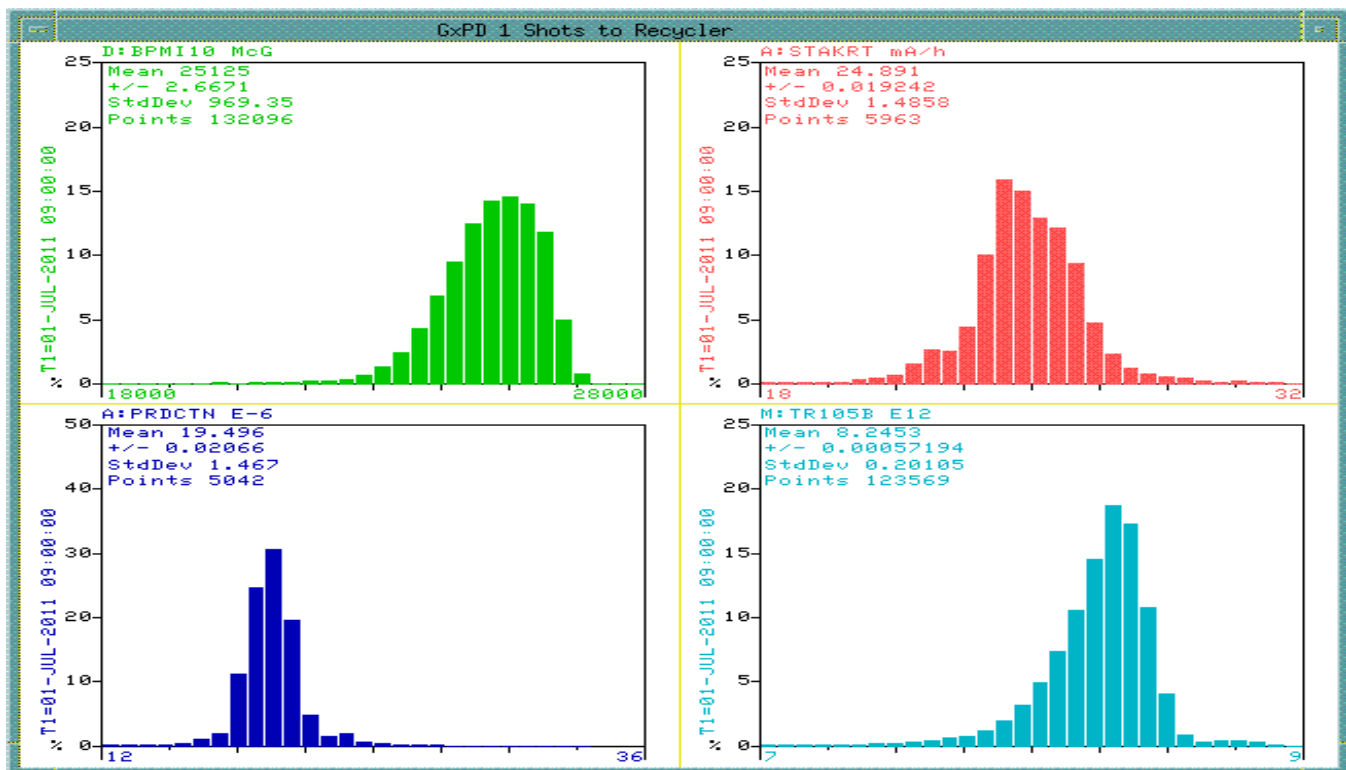
2011-07-05 Tuesday Morning Notes

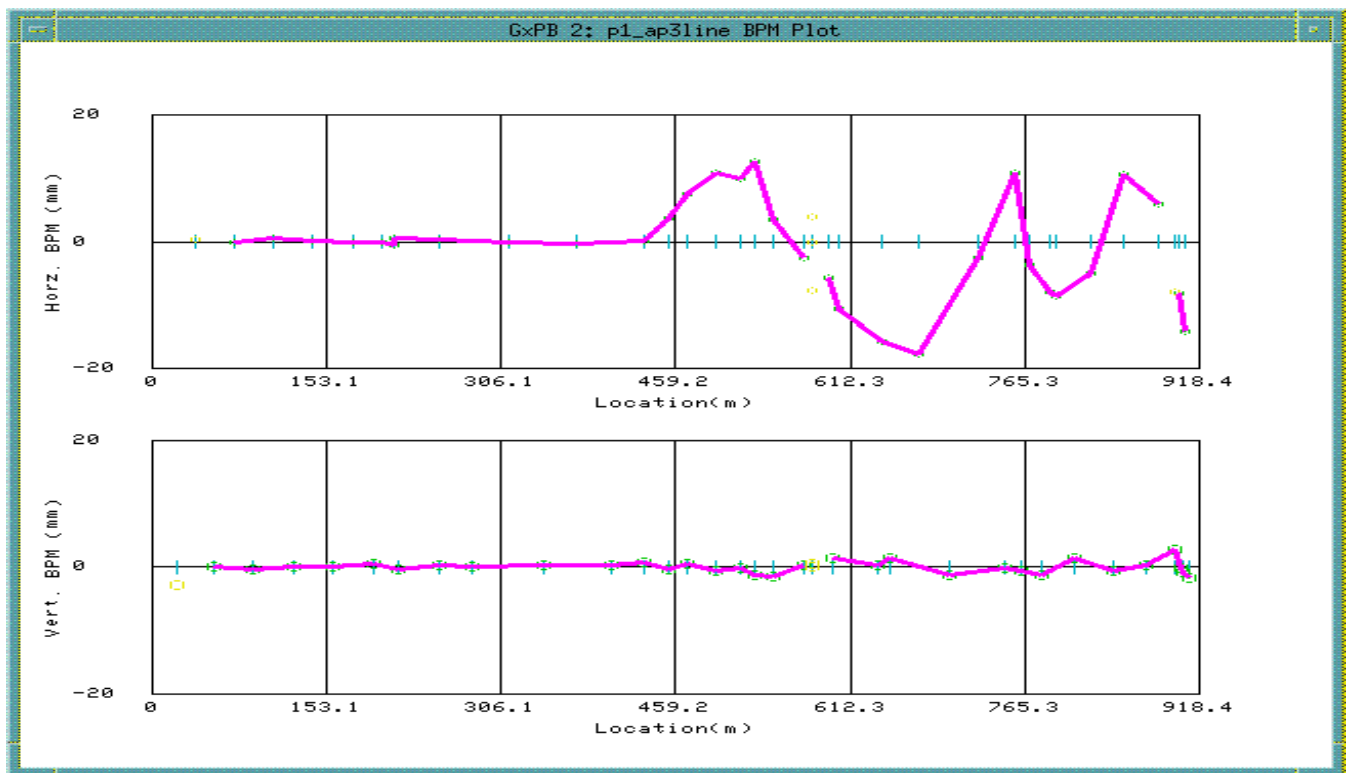
Tuesday, July 05, 2011

7:47 AM

Plots







I:HTF17

Column 1 Number _0_Pbar Transfer Shot #	Column 4 Number_3_Transfer Time	Column 21 Number _20_A-I BEAMB sampled on \$91 (A:BEA M7), E10	Column 22 Number _21_A-I BEAMB sampled on \$94 (A:BEA M9), E10	Unstacked (mA)	Column 23 Number _22_R-B EAMS (R:BEA ME0[0]) pre xfer E10	Column 24 Number _23_R-B EAM (R:BEA ME0[1]) post xfer, E10	Stashed	Acc to RR Eff	Acc to MI Eff	Acc to MI2 Eff	Acc to MI * Acc to MI2 Efficiency	Transfers	Sets	Column 5 Number_4_Acc Horizontal Emittance	Column 6 Number_5_Acc Vertical Emittance	Column 8 Number_7_Acc Longitudinal Emittance	
Totals =>					2128.86			2030.30	95.37%	97.54%	97.19%		259	85	5.7603	4.3305	2.0354
Daily Average =>					532.22			507.58					65	21			
25715	Tuesday, July 05, 2011	7:16	30.29	8.43	24.37	338.76	361.76	23.43	96.14%	97.46%	98.72%	96.21%	3	1	5.814	4.305	2.056
25714	Tuesday, July 05, 2011	6:14	25.81	7.22	21.18	320.42	340.42	20.35	96.06%	97.48%	96.57%	94.14%	3	1	5.648	4.154	2.041
25713	Tuesday, July 05, 2011	5:22	28.13	6.91	23.77	299.11	321.60	22.78	95.85%	97.85%	97.79%	95.69%	3	1	5.53	3.923	2.037
25712	Tuesday, July 05, 2011	4:21	28.55	6.08	24.48	277.06	300.33	23.63	96.51%	98.60%	97.31%	95.95%	3	1	5.105	3.778	2.059
25711	Tuesday, July 05, 2011	3:24	29.26	8.18	23.62	255.55	277.97	22.70	96.09%	99.17%	97.29%	96.49%	3	1	5.687	4.412	2.03
25710	Tuesday, July 05, 2011	2:24	25.31	6.94	20.89	236.45	256.32	20.10	96.22%	97.87%	97.03%	94.97%	3	1	5.571	4.202	2.054
25709	Tuesday, July 05, 2011	1:35	26.98	7.23	22.28	215.69	236.95	21.47	96.37%	97.05%	94.39%	91.60%	3	1	5.747	4.241	2.063
25708	Tuesday, July 05, 2011	0:42	28.08	7.35	23.30	193.92	216.15	22.39	96.06%	98.24%	97.78%	96.06%	3	1	5.519	4.057	2.04
25707	Monday, July 04, 2011	23:46	28.01	7.38	23.13	172.32	194.31	22.15	95.78%	97.91%	97.01%	94.98%	3	1	5.919	4.206	2.013
25706	Monday, July 04, 2011	22:51	29.83	7.85	24.48	149.35	172.62	23.46	95.80%	98.16%	97.57%	95.77%	3	1	5.786	4.237	2.014
25705	Monday, July 04, 2011	21:52	30.65	8.06	25.14	125.91	149.68	23.98	95.38%	96.85%	97.03%	93.98%	3	1	6.086	4.618	2.027
25704	Monday, July 04, 2011	20:50	28.47	7.33	23.67	103.73	126.18	22.57	95.35%	97.26%	96.40%	93.76%	3	1	5.743	4.385	2.016
25703	Monday, July 04, 2011	19:52	27.84	7.24	23.11	82.07	103.98	22.10	95.61%	98.34%	97.76%	96.14%	3	1	5.389	4.084	2.016
25702	Monday, July 04, 2011	18:59	55.65	10.31	48.88	37.48	82.55	45.57	93.23%	96.37%	96.51%	93.00%	4	1	6.696	5.337	1.967
25701	Monday, July 04, 2011	16:57	38.08	10.50	30.06	9.76	37.81	28.33	94.25%	96.91%	96.29%	93.32%	3	1	6.814	5.321	2.013
25700	Monday, July 04, 2011	15:29	31.20	7.19	26.50	365.11	389.96	25.29	95.43%	97.75%	97.16%	94.98%	3	1	6.078	4.459	2.023
25699	Monday, July 04, 2011	14:20	27.74	6.42	23.79	343.92	366.41	22.82	95.89%	97.04%	97.11%	94.24%	3	1	5.204	4.111	2.044
25698	Monday, July 04, 2011	13:20	26.66	6.22	22.93	323.22	345.01	22.14	96.58%	97.85%	99.98%	97.83%	3	1	5.159	4.185	2.018
25697	Monday, July 04, 2011	12:25	30.63	7.18	25.96	299.70	324.15	24.85	95.72%	97.91%	96.86%	94.83%	3	1	5.724	4.267	2.027
25696	Monday, July 04, 2011	11:17	26.90	6.41	23.02	278.81	300.67	22.14	96.19%	97.82%	98.70%	96.55%	3	1	5.412	4.018	2.038
25695	Monday, July 04, 2011	10:20	27.18	6.47	23.17	257.48	279.56	22.41	96.68%	99.55%	99.08%	98.63%	3	1	5.393	3.96	1.989
25694	Monday, July 04, 2011	9:22	27.64	6.54	23.60	235.66	258.08	22.71	96.25%	98.19%	96.97%	95.21%	3	1	5.513	4.012	2.037
25693	Monday, July 04, 2011	8:22	27.75	6.03	23.97	213.32	236.19	23.05	96.16%	98.70%	99.25%	97.97%	3	1	5.14	3.943	2.025
25692	Monday, July 04, 2011	7:21	26.02	6.17	22.28	192.41	213.78	21.53	96.65%	98.98%	96.93%	95.95%	3	1	5.08	3.898	2.049
25691	Monday, July 04, 2011	6:25	26.86	6.52	22.83	170.99	192.80	22.00	96.34%	98.51%	97.48%	96.02%	3	1	5.098	3.893	2.028
25690	Monday, July 04, 2011	5:27	25.46	6.34	21.68	150.49	171.31	20.96	96.70%	98.89%	97.59%	96.51%	3	1	4.555	3.895	2.044
25689	Monday, July 04, 2011	4:32	28.91	7.32	24.14	127.84	150.77	23.11	95.72%	99.40%	98.84%	98.25%	3	1	5.426	4.154	2.045
25688	Monday, July 04, 2011	3:34	26.92	7.60	21.95	107.29	128.14	21.00	95.66%	97.92%	98.41%	96.37%	3	1	5.493	4.224	2.04
25687	Monday, July 04, 2011	2:44	30.02	8.49	24.12	84.58	107.54	23.08	95.70%	97.96%	97.98%	95.98%	3	1	5.703	4.531	2.049
25686	Monday, July 04, 2011	1:44	27.91	7.25	23.06	62.84	84.84	22.11	95.85%	97.52%	97.94%	95.51%	3	1	5.312	3.823	2.048
25685	Sunday, July 03, 2011	23:10	29.71	8.22	24.02	40.47	63.31	23.04	95.91%	98.01%	97.13%	95.20%	3	1	5.937	4.477	2.054
25684	Sunday, July 03, 2011	22:27	45.51	14.57	33.34	11.91	40.96	29.65	88.92%	94.20%	92.31%	86.96%	3	1	10.171	7.804	1.999
25683	Sunday, July 03, 2011	20:42	27.16	7.15	22.61	360.25	381.45	21.58	95.42%	98.28%	98.37%	96.68%	3	1	5.503	4.274	2.054
25682	Sunday, July 03, 2011	19:49	29.59	7.99	24.14	338.52	361.40	23.25	96.31%	95.78%	96.05%	92.00%	3	1	5.778	4.66	2.043
25681	Sunday, July 03, 2011	18:57	38.60	10.87	30.13	311.59	339.67	28.51	94.62%	96.27%	95.20%	91.66%	3	1	6.683	5.067	2.024
25680	Sunday, July 03, 2011	16:22	29.13	6.63	24.91	293.22	316.84	23.94	96.09%	98.85%	97.71%	96.59%	3	1	5.593	4.199	2.023
25679	Sunday, July 03, 2011	15:04	28.12	6.56	24.00	271.28	294.09	23.07	96.10%	100.29%	98.55%	98.83%	3	1	5.249	3.828	2.046

25678	Sunday, July 03, 2011	14:04	28.38	6.73	24.17	248.96	271.93	23.25	96.20%	97.20%	96.45%	93.75%	3	1	5.432	4.36	2.025
25677	Sunday, July 03, 2011	13:03	27.25	6.46	23.28	227.36	249.53	22.37	96.10%	97.89%	97.33%	95.27%	3	1	5.458	4.269	2.041
25676	Sunday, July 03, 2011	12:04	28.43	6.54	24.38	204.65	227.83	23.39	95.96%	98.66%	97.44%	96.13%	3	1	5.771	4.236	2.016
25675	Sunday, July 03, 2011	11:02	27.15	6.48	23.17	182.99	205.08	22.29	96.21%	99.37%	98.45%	97.83%	3	1	5.314	4.151	2.006
25674	Sunday, July 03, 2011	10:04	27.08	6.33	23.29	161.12	183.34	22.40	96.17%	97.63%	96.89%	94.59%	3	1	5.686	4.049	2.029
25673	Sunday, July 03, 2011	9:05	27.65	6.27	23.84	138.74	161.43	22.88	95.99%	97.74%	98.00%	95.78%	3	1	5.501	4.24	2.002
25672	Sunday, July 03, 2011	8:03	26.57	5.87	23.16	116.95	139.04	22.29	96.21%	97.55%	95.84%	93.49%	3	1	5.287	3.911	2.001
25671	Sunday, July 03, 2011	7:06	28.83	6.64	24.65	93.69	117.21	23.69	96.09%	97.45%	98.49%	95.98%	3	1	5.6	4.39	2.034
25670	Sunday, July 03, 2011	6:03	27.48	6.34	23.59	71.37	93.90	22.60	95.83%	97.68%	97.04%	94.79%	3	1	5.48	4.243	2.032
25669	Sunday, July 03, 2011	5:03	27.81	6.24	24.01	48.76	71.58	22.92	95.49%	97.20%	97.65%	94.91%	3	1	5.561	4.017	2.023
25668	Sunday, July 03, 2011	4:04	50.72	9.28	44.91	7.40	49.06	42.06	93.66%	96.69%	96.32%	93.13%	4	1	6.856	5.289	2.011
25667	Sunday, July 03, 2011	0:10	29.82	7.32	24.93	359.72	383.02	23.85	95.68%	96.31%	95.62%	92.10%	3	1	6.188	4.537	2.038
25666	Saturday, July 02, 2011	22:52	26.71	4.73	23.39	340.11	362.11	22.47	96.05%	98.06%	97.32%	95.43%	3	1	5.265	3.363	2.019
25665	Saturday, July 02, 2011	21:56	27.24	6.52	23.17	319.91	341.60	22.13	95.48%	98.22%	97.80%	96.06%	3	1	6.273	4.334	2.037
25664	Saturday, July 02, 2011	20:58	27.86	6.56	23.72	298.98	321.26	22.66	95.54%	98.15%	97.39%	95.59%	3	1	5.812	4.094	2.019
25663	Saturday, July 02, 2011	19:58	26.89	6.33	23.01	278.34	300.01	22.00	95.60%	97.54%	97.44%	95.05%	3	1	6.07	4.249	2.05
25662	Saturday, July 02, 2011	18:55	28.02	6.47	23.95	256.71	279.29	22.91	95.66%	97.87%	98.59%	96.50%	3	1	6.32	4.442	2.06
25661	Saturday, July 02, 2011	17:51	27.02	5.66	23.70	235.41	257.70	22.60	95.34%	98.64%	99.00%	97.65%	3	1	5.847	3.916	2.01
25660	Saturday, July 02, 2011	16:58	43.96	9.66	36.61	204.95	236.54	32.33	88.33%	93.31%	92.32%	86.14%	3	1	8.394	6.663	2.008
25659	Saturday, July 02, 2011	14:41	28.55	5.56	25.18	183.79	207.48	24.01	95.36%	96.76%	96.73%	93.60%	3	1	5.701	4.217	2.03
25658	Saturday, July 02, 2011	13:31	29.41	5.53	26.14	159.96	184.52	24.81	94.92%	96.24%	96.36%	92.73%	3	1	5.948	4.031	2.034
25657	Saturday, July 02, 2011	12:20	27.89	5.79	24.51	137.24	160.44	23.43	95.61%	97.51%	97.28%	94.86%	3	1	5.704	4.016	2.047
25656	Saturday, July 02, 2011	11:15	27.16	5.77	23.81	114.83	137.51	22.88	96.09%	97.90%	99.05%	96.97%	3	1	5.501	3.757	2.046
25655	Saturday, July 02, 2011	10:14	27.51	5.79	24.12	92.04	115.05	23.18	96.12%	97.85%	97.91%	95.81%	3	1	5.595	3.968	2.055
25654	Saturday, July 02, 2011	9:11	27.35	5.81	24.00	69.47	92.30	22.99	95.80%	97.23%	97.70%	95.00%	3	1	5.488	3.816	2.045
25653	Saturday, July 02, 2011	8:10	26.36	5.69	23.17	47.76	69.79	22.24	95.96%	97.72%	98.50%	96.25%	3	1	5.473	3.95	2.051
25652	Saturday, July 02, 2011	7:15	49.07	8.58	43.73	8.68	48.18	40.09	91.67%	95.88%	94.83%	90.92%	4	1	8.064	6.066	2.016
25651	Saturday, July 02, 2011	5:15	28.82	6.58	24.73	362.51	385.54	23.57	95.32%	97.46%	97.44%	94.97%	3	1	5.749	4.293	2.042
25650	Saturday, July 02, 2011	4:13	27.32	6.70	22.95	342.81	364.34	21.93	95.56%	97.37%	97.71%	95.14%	3	1	5.397	4.323	2.056
25649	Saturday, July 02, 2011	3:19	28.25	7.25	23.56	322.18	344.20	22.47	95.38%	97.29%	97.04%	94.41%	3	1	6.117	4.631	2.077
25648	Saturday, July 02, 2011	2:20	25.52	6.45	21.64	303.02	323.44	20.76	95.97%	96.98%	96.94%	94.01%	3	1	5.364	3.951	2.036
25647	Saturday, July 02, 2011	1:29	25.67	6.58	21.69	283.54	303.97	20.73	95.56%	98.37%	97.07%	95.49%	3	1	5.67	4.268	2.055
25646	Saturday, July 02, 2011	0:38	25.72	6.53	21.79	263.64	284.32	20.93	96.03%	96.74%	98.37%	95.16%	3	1	5.796	4.163	2.05
25645	Friday, July 01, 2011	23:45	25.82	6.75	21.65	243.73	264.29	20.79	96.06%	97.61%	97.44%	95.11%	3	1	5.358	4.11	2.046
25644	Friday, July 01, 2011	22:53	26.73	6.52	22.87	222.51	244.24	21.96	96.04%	97.35%	97.19%	94.62%	3	1	5.666	4.331	2.037
25643	Friday, July 01, 2011	21:43	26.72	6.94	22.33	201.68	222.99	21.51	96.35%	96.50%	97.41%	93.99%	3	1	5.346	3.837	2.062
25642	Friday, July 01, 2011	20:50	27.67	7.52	22.68	180.52	202.11	21.76	95.93%	98.37%	97.20%	95.61%	3	1	5.682	4.379	2.05
25641	Friday, July 01, 2011	19:58	29.61	8.02	24.17	157.99	180.87	23.08	95.50%	98.00%	97.28%	95.33%	3	1	5.844	4.47	2.033
25640	Friday, July 01, 2011	18:56	29.21	6.27	25.05	134.51	158.29	23.93	95.54%	97.01%	97.06%	94.15%	3	1	5.169	3.989	2.041
25639	Friday, July 01, 2011	17:54	27.80	6.31	23.88	111.92	134.79	23.00	96.29%	98.12%	98.09%	96.25%	3	1	5.363	4.064	2.064
25638	Friday, July 01, 2011	16:52	26.23	5.98	22.94	90.14	112.15	22.14	96.48%	98.12%	97.72%	95.88%	3	1	4.863	3.763	2.066
25637	Friday, July 01, 2011	15:50	27.61	6.42	23.86	67.65	90.37	22.82	95.66%	96.60%	97.93%	94.60%	3	1	4.925	3.966	2.03
25636	Friday, July 01, 2011	14:52	29.37	7.07	24.68	44.30	67.84	23.66	95.88%	98.15%	98.16%	96.34%	3	1	5.687	4.348	2.042
25635	Friday, July 01, 2011	14:01	53.29	12.36	44.69	4.06	44.65	41.68	93.27%	96.20%	96.20%	92.55%	4	1	7.419	6.136	2.012
25634	Friday, July 01, 2011	11:28	28.03	7.34	23.20	263.08	285.21	22.43	96.70%	98.65%	97.80%	96.48%	3	1	5.449	4.337	2.068
25633	Friday, July 01, 2011	10:35	29.21	8.09	23.78	241.39	263.91	22.77	95.73%	97.22%	96.70%	94.01%	3	1	5.825	4.531	2.054
25632	Friday, July 01, 2011	9:31	28.12	7.44	23.33	220.10	242.16	22.36	95.84%	97.68%	97.84%	95.58%	3	1	5.493	4.253	2.061
25631	Friday, July 01, 2011	8:33	30.03	7.72	25.32	196.89	220.73	24.11	95.23%	98.59%	98.02%	96.64%	3	1	5.599	4.436	2.045